

**BY ORDER OF THE COMMANDER
AIR FORCE MATERIEL COMMAND**



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AIR FORCE MATERIEL COMMAND

Supplement 1

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Flying Operations

AIRCREW LIFE SUPPORT (ALS) PROGRAM

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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OPR: HQ AFMC/DOV (Stephen P. Wyatt)
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AFI 11-301, 19 July 2002, is supplemented as follows:

This supplement establishes the Aircrew Life Support (ALS) Program for HQ AFMC units, AFMC depots that have associate reserves personnel assigned to support flight test operations and AFMC field activities that have personnel assigned or attached for flying. It implements AFPD 11-3, *Life Support*. This supplement applies to all personnel, including passengers, flying in aircraft for which AFMC is responsible or may be contractually liable for loss or damage. This supplement does not apply to the Air National Guard (ANG). Units are encouraged to propose and recommend policy and procedural improvements to this supplement. Submit all suggested changes and improvements to this supplement on AF Form 847, **Recommendation for Change of Publication**. Send AF Form 847 to HQ AFMC/DOV, 508 W. Choctawhatchee Ave., Suite 4, Eglin AFB, FL 32542-5713.

SUMMARY OF REVISIONS

This supplement incorporates policy and procedures previously contained in AFI 11-301_AFMCSUP1, *AFMC Aircrew Life Support Program*, 23 May 2003. It expands on AFI 11-301 and other Air Force directives concerning ALS, Survival, Evasion, Resistance, and Escape (SERE) Training Instructor, equipment maintenance, the Air Force Test Parachute Program (TPP) responsibilities, Life Support Human System Group (HSG) and the Air Force Research Laboratory (AFRL) personnel.

1.1. **Mission.** Provide AFMC aircrew and passenger's top quality, safe and effective ALS equipment, training and programs.

1.2.1. HQ AFMC/DOV will establish minimum guidance for standards of life support operations within AFMC.

1.3.1. Units are not required to supplement this instruction unless, necessary for unique unit requirements (refer to **paragraph 2.9.2.1.**). If supplements are necessary, submit IAW AFI 33-360, Volume 1, *Air Force Content Management Program--Publications*. Send unit supplements to HQ AFMC/DOV, 508 W. Choctawhatchee Ave., Suite 4, Eglin AFB, FL 32542-5713 for approval.

1.3.2. Deviations from this supplement are not authorized without HQ AFMC/DO written approval. Units may request waivers when unique circumstances or requirements affect their capability to support the programs, policies and procedures that are in this supplement. Government Flight Representatives (GFRs) within AFMC will submit written request to waive specific requirements of this instruction that are not included in, or conflict with, contractual requirements. Forward AFMC Form 73, **AFMC Flight Operations Waiver Request**, with supporting information to HQ AFMC/DO, 508 W. Choctawhatchee Ave., Suite 4, Eglin AFB, FL 32542-5713. (AFMC will review annually)

2.9.2.1. The T.O. procedures listed as “MAJCOM option” are contained in **Attachment 2 (Added)**. If additional procedures become mandatory, units will be advised by message or supplement change. All other “MAJCOM options” will be determined at wing/unit level to standardize TO options within each unit. Life support officers (LSOs) for AFMC squadrons, detachments with no wing function, or tenant units on non-AFMC bases may determine TO options for their unit. All unit options will be reflected in local supplements.

2.9.2.2. (Added) Aircrew Life Support personnel assigned to AFRL are subject matter experts and liaisons between the field and the laboratory in the research and development of (ALSE) and human-related studies.

2.9.2.2.1. (Added) Assemble, inspect, and maintain ALSE necessary to support research, test and evaluation of ALSE and aircrew protection-related studies.

2.9.2.2.2. (Added) Fit and adjust ALSE on test subjects participating in laboratory studies.

2.9.2.2.3. (Added) Submit technical order improvement reports on ALSE on both fielded items and those involved in test and evaluation.

2.9.2.2.4. (Added) Draft, edit and review maintenance procedures necessary to support prototype ALSE under development.

2.9.2.2.5. (Added) Participate in flight safety evaluation boards assessing safety of ALSE items prior to flight-related studies.

2.9.2.2.6. (Added) Maintain current technical orders for conventional ALSE used in the laboratory.

2.9.2.2.7. (Added) Support System Program Offices during acquisition-related activities to include review edit and draft of acquisition-related documents.

2.9.2.2.8. (Added) Participate in Aircrew Protection Working Group activities as defined in the Aircrew Protection Executive Council (APEC) charter to ensure executive leadership is kept apprised of emerging technologies and to return to the laboratory issues plaguing the aircrew protection community.

2.9.2.2.9. (Added) Assess effectiveness of agencies supporting Operational Utility Evaluation (OUE) activities.

2.9.2.2.10. (Added) Monitor tests involving live test subjects utilizing ALSE.

2.9.2.2.11. (Added) Evaluate performance of ALSE deliverables related to acquisition, research and development contracts.

2.9.2.2.12. (Added) Research field-queries submitted from field units through each of the MAJCOMs.

2.9.2.2.13. (Added) Assigned technicians may volunteer to participate as test-subjects during ALSE-related studies.

2.9.2.2.14. (Added) Constructed/modify test assets necessary to support laboratory ALSE studies.

2.9.2.2.15. (Added) Brief ALS community on emerging technologies at biennial Worldwide Life Support Conference.

2.9.25. Periodic site visits (e.g., staff assistance visits) (SAV), and aircrew/jumper performance evaluations will apply to every AFMC unit with life support/SERE personnel assigned to include AFRL, HSG and USAFSAM/FPB at Beale AFB. Funding for these SAV site visits will be provided by the visited unit and are required once every two years.

2.10.1. Director of Flying Operations (DFO) is responsible for unit ALS functions. Appoint in writing, a rated LSO who has charge of all ALS matters, including survival training. The LSO will not be required to perform other additional duties, except as required by limited manning requirements at small squadrons and detachments. Send one copy of the appointment letter to HQ AFMC/DOV, Life Support Branch.

2.10.1.1. (Added) AFMC squadrons, detachments, and government flight representatives (GFR) that are tenants on non-AFMC bases will appoint an additional duty LSO. This LSO monitors the host's or contractor organization's ALS program as it applies to the AFMC activity and makes sure this instruction is followed. When AFMC equipment, training or procedural requirements differ from host base or contractor programs, the DFO will make sure host-tenant or contract support agreements include these requirements where possible. Inform the HQ AFMC/DOV Life Support Branch, in writing, of those portions of support that cannot be provided according to this supplement. If necessary, request support from the nearest major AFMC base.

2.10.5. AFMC Units will ensure they follow T.O. 15X-1-1, *Maint Instr -- Oxygen Equipment* recommended procedures when setting up an ALS facility.

2.10.14. AFMC Units will annually host a working group meeting with organizations involved with Aircrew Protection responsibilities. Suggested membership should include; Egress, Survival Equipment, Aerospace Medicine, CE Readiness, Logistics, SERE, Safety, Plans and Scheduling, Quality Assurance and aircrew representation as applicable to the unit. Forward appropriate issues to the MAJCOM and other AFMC field units.

2.15.4. AFMC Units will follow AFI 23-110 vol. 2 part 13 when using a receipt for ACDE on an AF Form 1297, **Temporary Issue Receipt**, or other authorized forms when equipment is issued and properly sized and fitted by ALS.

3.7.2. Semi-annually the LSO/Superintendent will choose one of the unit's assigned aircraft to be checked.

3.7.2.1. Remove a sample of ALSE that the aircrew of a selected aircraft should have after a successful ejection, bailout, ditching, or forced landing; transport the equipment to the activity's inspection area.

3.7.2.1.1. (Added) Under the supervision of the activity's LSO or superintendent, a technician will manually deploy or open the selected equipment to simulate a normal ejection, bailout, ditching, or forced landing sequence. Inspect each item of equipment and note any deficiencies.

3.7.2.1.2. (Added) Do not activate explosive or automatic opening devices installed in parachutes and survival kits during this check.

3.7.2.1.3. (Added) Life rafts and LPUs inflated during these tests will be used to satisfy the functional inflation requirements in the applicable TOs.

3.13.2. Units will document the training provided and abatement equipment for each individual exposed to shop hazards on the individual's AF Form 55, **Employee Safety and Health Record** or civilian equivalent.

4.3. (Added) **Flightline Certification:** Ejection seat equipped units Red-X certification and recurring egress familiarization training of Aircrew Life Support (ALS) personnel will be a cooperative effort with the ALS Wing Superintendent and Egress Element Supervisor as stipulated in AFI 21-112, *Aircrew Egress Systems Maintenance*.

5.2.2. Qualified personnel (i.e.) LSO, 1T0X1, or 1T1X1 or qualified civilian personnel will conduct egress training. In addition, the DFO may appoint no more than two additional aircrew members as egress instructors, in each squadron/unit, who are current and qualified in their MDS to conduct egress training. To maintain high training standards, field activity LSOs must review training qualifications and certify instructors annually by letter. The letter of certification must include a list of courses (applicable by aircraft system) each instructor is qualified to teach and must be updated by endorsement throughout the year.

5.2.2.1. (Added) LSOs must maintain current qualifications in one of the field's activity aircraft, preferably one equipped with an ejection seat. Full-time LSOs will attend courses listed in AFI 11-301v1. Additional duty LSOs are authorized and encouraged to attend those courses.

5.2.2.2. (Added) ALS supervisors or technicians (1T1X1) must have attained the standards required by AFMAN 36-2108 and completed the mandatory training in AFI 11-301.

5.2.2.3. (Added) Certified ALS egress instructors for any ejection seat aircraft must attend applicable local egress/cockpit familiarization refresher courses IAW AFI 21-112. A qualified egress instructor will instruct the course.

5.2.2.4. (Added) DFOs will ensure there are adequate ALS continuation instructors available to provide training for the unit.

5.2.2.5. (Added) The Air Armament Center (AAC) and Air Force Flight Test Center (AFFTC) should maintain the ability to send qualified SERE training instructor(s) and suitable training aids TDY to field activities unable to obtain the minimum training from host bases or contractors. When it is more appropriate and less costly, personnel may be sent TDY to AAC or AFFTC for training. The requesting unit is responsible for scheduling and providing TDY funds to support this training.

5.3.8. (Added) Abbreviated egress training is a comprehensive egress briefing that is conducted to train a crewmember with a short term need to fly in an aircraft. This training is given by a certified ALSCT/SERE instructor, instructor pilots for ejection seat aircraft, and by the aircraft commander or primary aircrew member on transport type aircraft using a briefing guide approved by the DFO. The following personnel are authorized to receive abbreviated egress training:

5.3.8.1. (Added) Test pilot or Test Pilot School student conducting aircraft qualitative evaluations.

5.3.8.2. (Added) Aircrew in flight authorization duty codes X or O (AFI 11-401, *Aviation Management*) and flying less often than every 45 days.

5.3.8.3. (Added) Assigned/Attached AFMC/DOV aircrew members conducting evaluations per AFI 11-202V2, *Aircrew Standardization/ Evaluation Program*.

5.3.8.4. Assigned/Attached Flight Surgeons conducting Evaluations per 11-202V2 on non-ejection seat aircraft

5.3.8.5. (Added) Mission Essential Ground Personnel (MEGP) flying non-ejection seat type aircraft less than 12 times in 12 months. Training will expire 30 days after completion.

5.3.8.6. (Added) Maintenance/Engineering Support Personnel (MESP) flying non-ejection seat type aircraft less than 12 times in 12 months. Training will expire 30 days after completion.

5.5.2. AFMC Units will use AFI 11-2FT Vol 1(Chapter 4, Table 5) for frequencies and guidance for completing ALSCT.

NOTE: This training will be documented on an AFMC Form 67, **Ground Training Record**. Locally developed forms are authorized if approved by AFMC/DOV.

5.5.6. Actively flying aircrew members with mission duties in other than their assigned aircraft are not required to reaccomplish training if source documentation of currency can be obtained. Abbreviated egress training may be accomplished as outlined in **5.3.8. (Added)**. This training expires 30 days after completion.

5.7.2. Maintenance/Engineering Support Personnel (MESP) and mission essential ground personnel (MEGP) will accomplish the training outlined in AFI 11-401_AFMC SUP1. For individuals identified as flying less than 12 sorties in 12 months, egress, PDT, and ALSE training will expire 30 days after completion. For individuals with appropriate approval to fly more than 12 times in 12 months, egress, PDT and ALSE training will expire 1 year after completion.

5.10.1. AFMC Units will use IGs developed by the 436th Training Squadron Aircrew Life Support Section, Dyess AFB, Texas to provide ALSCT. Lessons will be tailored to meet the unit mission requirements.

5.10.2. Ensure lesson plans are developed for each type of aircraft with egress or ALSE installed according to the mission flown by the field activity. Each organization will physically possess current training lesson plans affecting the unit and ensure the ALSCT syllabi are effective, and locally developed lesson plans are reviewed/approved by HQ AFMC/DOV annually for currency.

6.2. Minimum Clothing Requirements. AFMC units will comply with AFI 11-301, Volume 1, *Aircrew Life Support Program*, AFI 11-301, Volume 2, *Maintenance And Configuration Requirements For Aircrew And Aircraft-Installed Life Support Equipment (LSE)*, AS 450, *Personal/Life Support Equipment*, and applicable technical order requirements for wear and use of flight clothing and ALS and survival equipment. All non-passenger personnel (except flight stewards and crewmembers in support of CSAF/CC/CV and AFMC/CC on distinguished visitor airlift missions worldwide) will, as a minimum, wear flight boots, Nomex (or equivalent) coveralls, and have Nomex (or equivalent) gloves in their possession. Personnel flying in fighter or trainer aircraft equipped with ejection seats must wear gloves at all times. Additionally, they will wear an Air Force approved helmet, oxygen mask, harness, and anti-G suit/combat edge (if required).

6.2.4. Aircrews and operational support crewmembers in multi-engine aircraft must wear gloves for take-off, approach, and landing.

6.2.7. (Added) DFOs will expand above minimum clothing requirements for each mission the field activity flies and for periods when seasonal clothing must be worn. Seasonal periods for local flying may be defined using average ground temperatures and chill factors, instead of the calendar date. Added minimum clothing requirements should be directly related to the aircraft flown, terrain, climate, forecast

weather, number of occupants, availability of flight following service, and anticipated timeliness of search and rescue service.

6.2.8. (Added) Aircraft commanders will ensure personnel (including passengers) flying on AFMC aircraft wear appropriate clothing and footwear. In addition, personnel receiving taxi rides in an ejection seat aircraft will wear as a minimum flight boots (or equivalent), Nomex coveralls, and Nomex gloves. The wearing of jewelry is prohibited.

6.2.9. (Added) Flying personnel operating aircraft from aircraft carriers may wear appropriate non-skid footwear.

6.3. **MC-1 Survival Knife.** When parachutes are worn (including parachutes integral to an ejection seat), the MC-1 knife with hook blade open, or riser cutter knife, will be carried in the pocket of the outer garment.

6.4.5.1. The Director of Flight Operations may waive the requirement for on-board CWU-16/P Quick Donning Anti-Exposure suits after considering the following factors. These conditions must be carefully considered:

6.4.5.1.1. (Added) The requirement for anti-exposure suits may be waived when the over water portion of flight occurs only during landing approach and departure or if the aircraft is within power-off gliding distance to land.

6.4.5.1.2. (Added) The requirement for anti-exposure suits may be waived for AFMC aircraft with three or more engines which have one engine out performance at all stages of the mission profile. Twin-engine transports/utility aircraft which have single engine performance at all stages of the mission profile may also be waived.

6.4.5.1.3. (Added) The requirement for anti-exposure suits may be waived when not within power off glide distance to land, if the following conditions are carefully considered; climate zone and existing weather throughout the range of flight, water temperature, operational requirements, number and type of aircraft involved, mission altitude, mission area surveillance, location of rescue forces, winds, sea state and its impact on SAR operations.

6.4.11.4. (Added) Oxygen masks not permanently assigned to a single user will be disassembled, washed, disinfected and inspected after each use.

6.4.11.5. (Added) Flying units will attach Anti-Smoke Goggles to the 358 series Quick-Don Oxygen Mask Suspension Assembly Bracket while in the stowed position.

6.5.3. AFMC Life Support shops will possess documentation to show local ALSE/Fire Department rescue and extraction training is and has been provided to all assigned firefighters who may respond during an aircraft emergency.

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

The following publications are required to effectively manage and support an AFMC Life Support program. These publications are listed for reference only and are not at all inclusive. LSOs, superintendents, NCOICs, supervisors, and technicians should possess a working knowledge of these publications and supplements, where applicable.

AFIND18, *Index of Air Force Manpower Standards*

AFMAN 10-100, *Airman's Manual*

AFJI 10-220, *Contractor's Flight and Ground Operations*

AFI 11-404, *Centrifuge Training for High-G Aircrew*

AFI 21-201, *Combat Ammunition System Procedures*

AFMAN 24-301, *Vehicle Operations*

AFI 31-101, Vol 1, *The Air Force Installation Security Program*

AFI 34-217, *Air Force Aero Club Program*

AFCAT 36-2223, *USAF Formal Schools* (automated by Air Force Education and Training Course Announcements (ETCA), <http://hq2af.keesler.af.mil/etca.htm>)

AFP 64-15, *Survival and Emergency Uses of the Parachute* (projected to be AFPAM 36-2242)

AFI 90-501, *Community Action Information Board and Integrated Delivery System*

AFI 90-901, *Operational Risk Management*

AFPAM 90-902, *Operational Risk Management (ORM) Guidelines and Tools*

AFOSH STD 48-137, *Respiratory Protection Program*

CFETP 1T0X1, Parts 1-2 AFSC 1T0X1, *Survival Evasion, Resistance, Escape (SERE) Training Instructor Career Field Education and Training Plan*

DoD 4515.13-R, *Air Transportation Eligibility*

DPSC Manual 4155.2, Appendix A, *Inspection of Meal, Ready-to-Eat (MRE)*

AFMCI 21-107, *Tool Control and Accountability Program*

AFMCI 21-119, *Objective Center/Test Wing Aircraft Maintenance Policy*

AFMCI 90-203, *Aircrew Performance Evaluation, Staff Assistance Visit and Inspection Program*

T.O. 0-1-CD-1, *Numerical Index (CD-ROM version)*

T.O. 00-CD-1, *Technical Manual Set, Methods and Procedures TOs, (CD-ROM version, contains most 00-Series TOs)*

T.O. 11P10-6-7, *Storage and Maintenance Procedures--PCU-63(V)/P--Universal Water Activated Release System (UWARS), P/N 1814-017-01 and 1814-017-02*

T.O. 11P12-15-7, Specialized Storage and Maintenance Procedures Cutter, Reefing Line Part Numbers ISE 172 -1.15, ISE 172-4.0, C1-1.15, C1-4.0, D10C-2 (A168-3)

T.O. 14D3-10, *TCTO Series*

T.O. 14D3-10-1, *Inspection, Repair, and Packing Instructions Ejection Seat Aircrew Recovery Parachute P/N J114509 - Series (ACES II)*

T.O. 14P3-5, *TCTO Series*

T.O. 14P3-6, *TCTO Series*

T.O. 14S-1-131, *Operation and Maintenance Instructions, Survival Vest Assembly*

T.O. 14S1-9-1, *Operation and Maintenance Instructions with Illustrated Parts Breakdown, Survival Kit Container Assembly P/N 025-750000-1, -5 (H Koch)*

T.O. 14S1-11, *PN J114510 SER*

14S1-11-3, *Overhaul Instructions with Illustrated Parts Breakdown, ACES II Survival Kits*

15X5-4-4-12, *Intermediate Maintenance Instructions Pressure-Demand Breathing Oxygen Mask USAF Type MBU-5/P*

15X5-4-4-13, *Overhaul Instructions with Illustrated Parts Breakdown Pressure-Demand Breathing Oxygen Mask USAF Type MBU-5/P*

33D2-10-10-1, *Instructions With Illustrated Parts Breakdown, Oxygen Mask Headset and Microphone Tester MQ-1 Test Set (Sun Electric)*

33D2-10-32-1, *Instructions With Illustrated Parts Breakdown, Demand Oxygen Regulator Leakage Tester Type MH-2 Model TE 15405 (FSN 4920-509-5157)*

33D2-10-68-1, *Model TE 15405 Operation and Maintenance Instructions with Illustrated Parts Breakdown, Test Set, Flight Ensemble Pressure Breathing Type TTU-529/E*

Abbreviations and Acronyms

AAC—Air Armament Center

AFFTC—Air Force Flight Test Center

AFRL—Air Force Research Laboratory

DFO—Director Flight Operations

GFR—Government Flight Representative

HSG—Human Systems Group

MEGP—Mission Essential Ground Personnel

MESP—Maintenance/Engineering Support Personnel

TPP—Test Parachute Program

Attachment 2 (Added)**GLOSSARY OF MAJCOM T.O. OPTIONS,
REFERENCES AND SUPPORTING INFORMATION**

Technical Order options listed below are applicable to AFMC. Options marked will be implemented if your unit maintains the affected equipment. Options marked "Unit" may be implemented at the discretion of the DFO.

Table 2.1. (Added) List of Options.

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
00-5-1	Pg 4-10, Par 4.10.3	T.O.s used together as a set may be filed in set binders numbered as "SET (X) of (Y),"		X	
	Pg 4-12, Par 4.11.4.3	LEP checks accomplished during annual T.O. library inventory checks.	X		
	Pg 7-1, Par 7.1.6	Writing in changes provided by interim supplements.		X	
	Pg 7-8, Par 7.6.6.6	Annotating the paragraphs or sentences in the basic T.O. affected by a TOPS.	X		
	Pg 7-10, Par 7.8.4	Copies of all locally developed workcards, checklists, job guides, and page supplements may be forwarded by cover letter to the MAJCOM or gaining command to be reviewed for command-wide application.	X		
00-5-15	None				

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
00-20-1	Pg 2-8, Par 2.21.3	Aircrew Life Support Equipment inspection and repack on aerospace vehicles returning from Depot Contract Field Teams or from Depot "Speed Lines," where the Aircrew Life Support Equipment had no maintenance other than "safeing."		X	
	Pg 4-1, Par 4.1.2	Overwrite black ink computer generated forms in red.			X
00-20-9	None				
00-25-06-2-1	None				
00-25-213	None				
00-25-241	Pg 1, Par 2.b	All data pertaining to organization, unit of assignment, or activity entered on the AFTO/ DD Form or stenciled on life support equipment may be omitted.		X	
	Pg 2, Par 3.a.(1)(g)(Note)	All data pertaining to organization, unit of assignment, or activity entered on the AFTO/ DD Form or stenciled on life support equipment may be omitted.		X	
	Pg 4, Par 3.a.(4)(d)(Note)	All data pertaining to organization, unit of assignment, or activity entered on the AFTO/ DD Form or stenciled on life support equipment may be omitted.		X	
	Pg 12, Par 4.b	AFTO Form 392, files and entries.	X		

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 12, Par 4.c (Note)	Recording of optionally installed items on the back side of AFTO Form 392	X		
00-35A-39	Pg 1-3, Par 1.6.2	Delete or obliterate the inspecting activity when life support equipment requires sanitizing.	X		
00-35D-54	None				
00-110N-2	None				
00-110N-3	None				
1-1-641	Pg 2, Par 4.a.(3)(Note)	MAJCOM requirement for anti-exposure suit.		X	
11A-1-10	None				
11A-1-33	None				
11A-1-46	None				
11A10-26-7	None				
11A13-10-7	None				
11C15-1-3	None				
11P-1-7	None				
11P9-21-7	None				
11P10-6-7	None				
11P12-15-7	None				
12S10-2AVS6-21	Pg 4-2, Par 4.2.2	Post-flight inspection.		X	
12S10-2AVS9-1	Pg 1-16.1, Par 1-2.2.6.1	Clip-on battery adapter.		X	
12S10-2AVS9-2	Pg 1-7, Par 1.2.2.9	Clip-on power source.		X	
	Pg 4-1, Par 4.1.1(Note)	Full size batteries AA 3.5 VDC lithium batteries, in conjunction with the battery extenders can be used to power the system.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 5-1, Par 5.3.1	Altering of inspection intervals.		X	
	Pg 5-1, Par 5.3.1.2	Altering of inspection intervals.		X	
13A1-1-1	Pg 2-8B, Par 2-18	Removal of female canopy release covers for PCU-17/P harness.		X	
	Pg 2-8B, Par 2-18(d)	Use of comfort pads.		X	
	Pg 2-8B, Par 2-19	Restraint line stowage pocket and snap hook attachment point.	X		
	Pg 2-12B, Par 2-20.2.a.(7)(Note)	Modification of the HBU-6/P with the rip stitch technology device.		X	
	Pg 2-14, Par 2-21	Installation of oxygen mask regulator bracket.		X	
	Pg 2-14, Par 2-21.c.(2)(a)	Placing of mounting bracket between vest material and harness webbing.		X	
	Pg 3-1, Par 3-5(Note)	PCU-17/P harness and HGU-6/P safety strap inspection frequency every 180 days +- 30 days when used for in-flight safety device.	X		
	Pg 3-1, Par 3-5(e)	Use of anti-theft seal.		X	
14-1-4	Pg 2-1, Par 2-6(Note)	Use of local control numbers/names.	X		
	Pg 4-1, Par 4-2	Determine marking method best suited for mission, Type A, Type B, Type C.		X	
	Pg 4-1, Par 4-2.b(1)(a)	Local control numbers on survival vests.		X	
14D1-1-2	None				

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
14D1-2-1	Pg 3-8A, Par 3-4.e(2)(h)	Routing of chest strap through V-ring.	X		
	Pg 3-22.b, Par 3-50.c (Note)	Waiver for 6 foot height restriction on PLD training.		X	
14D2-8-1	None				
14D3-10-1	None				
14D3-11-1	Pg 3-21, Par 3-10.a	Unit information on AFTO/DD Forms omitted.		X	
	Pg 4-3, Par 4-2	Waiver of preflight inspection.	X		
	Pg 4-6, Par 4-5.c.(4)	Use of Teflon tape to secure knurled nut.	X		
	Pg 4-7, Par 4-6.a (Note)	Performing parachute minor repairs.		X	
	Pg 5-20, Par 5-10.a. (2)(Note)	Remove zero delay lanyard.	X		
	Pg 5-23, Par 5-10.c.(2)(Note)	Remove zero delay lanyard.	X		
	Page 5-23, Par 5-10.d.(2)(Note)	Remove zero delay lanyard.	X		
	Pg 5-10.h(Note)	Use of nylon webbing snap for stowing zero delay lanyard instead of hook/pile method if required.	X		
	Pg 5-38, Par5-10.r.(3)	Use of streamer attached to parachute ripcord release to designate time delay of cartridge installed.	X		
	Pg 5-57, Par 5-11.w	Direct beacon plug to riser hook up.		X	
	Pg 5-78, Par 5-13.c	Installation of Sub-backstrap on the Class IV harness.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 5-92, Par 5-13.i	Use of nylon webbing snap for stowing zero delay lanyard instead of hook/pile method if required.		X	
	Pg 5-106, Par 5-13.ac.(2)	Securing harness accessory rings.	X		
	Pg 5-116, Par 5-14.m	Installation of reinforcement webbing for use with PLD.		X	
	Pg 5-123, Par 5-16.b	Alternate installation of emergency oxygen cylinder MD-1.		X	
	Pg 5-124, Par 5-16.c	Installation of SDU-5/E strobe light on personnel parachute.	X		
	Pg 5-125, Par 5-16.d	Installation of SDU-5/E strobe light on personnel parachute.	X		
	Pg 5-127, Par 5-16.f.(1)	Installation of SRU-16/P minimum survival kit.		X	
	Pg 5-129, Par 5-16.g.(12)(Note)	Direct beacon plug to riser hook up.	X		
	Pg 5-135, Par 5-17.b	Installation of Teflon tape on PLD braking device.	X		
	Pg 5-137, Par 5-17.c.(2)(a)	Relocate O2 connector bracket to chest strap.		X	
	Pg 5-137, Par 5-17.c.(2)(b)	Placement of mounting plate between vest material and webbing.		X	
	Pg 5-138, Par 5-17.d	Securing snap hook and brake assembly on PLD pockets.		X	
	Pg 5-139, Par 5-17.d.(3)(a)&(b)	Pull tab on PLD pocket zipper.		X	
	Pg 5-146A, Par 5-21.d	9/P Pull tab snap.		X	
	Pg 5-146A, Par 5-21.e	9/P Pull tab snap.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 6-5, Par 6-4.a	Attach streamer with 7000		X	
	Pg 6-17, Par 6-12(Note)	Attach streamer with 11000		X	
	Pg 6-27, Par 6-20.b	Attach streamer with F1-B		X	
	Pg 7-33, Par 7-10.e	Installation of PLD, PCU-10/P		X	
	Pg 9-16, Par 9-8.h	Installation of PLD, PCU-9/P		X	
	Pg 9-18, Par 9-8.h(6)	Install pull tab to PLD pocket zipper.		X	
	Pg 9-18, Par 9-8.i	Installation of SDU-5/E strobe light pocket to harness.	X		
	Pg 9-25, Par 9-8.m(Note)	Installation of AN/ URT-33 beacon.	X		
	Pg 9-30, Par 9-8.m.(18)	Direct beacon plug to riser hook up.		X	
	Pg 9-30, Par 9-8.n	Installation of A/ P25S-5A in seat cushion.		X	
	Pg 9-30, Par 9-8.p	Installation of RT-10 & PRC-90 in seat cushion.		X	
	Pg 10-19, Par 10-8.i	Installation of PLD, PCU-11/P		X	
	Pg 10-22, Par 10-8.j	Installation of Teflon tape on breaking device.		X	
	Pg 11-16, Par 11-8.g	Installation and use of sub-blackstrap.		X	
	Pg 11-16, Par 11-8.h	Installation of SDU-5/E strobe light on personnel parachute.		X	
	Pg 11-16, Par 11-8.j	Installation of PCU-10/P PLD on parachute.		X	
	Pg 11-18, Par 11-8.j.(7)(a)	Tacking of zipper.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 11-18, Par 11-8.j.(11)	Securing snap hook and brake assembly on PLD pocket.		X	
	Pg 11-18, Par 11-8.m	Installation of emergency radio beacon.	X		
	Pg 11-20, Par 11-8.n(Note)	Installation of SRU-16/P minimum survival kit.	X		
	Pg 11-20, Par 11-8.o	Installation of hook blade knife and pocket assembly.	X		
	Pg 11-21, Par 11-8.q	Installation of webbing retainer for power cable housing.		X	
	Pg 18-8A, Par 18-6.c(11)	Attachment of comfort pad (leg strap)		X	
	Pg 18-8A, Par 18-6.c(11)(a)	Comfort pad for SEAWARS.		X	
	Pg 18-8A, Par 18-6.c(11)(b)	Comfort pad for SEAWARS.		X	
	Pg 18-13, Par 18-9.a	Installation of PLD PCU-11/P on harness.		X	
	Pg 18-14, Par 18-9.b	Installation of PLD PCU-10/P on harness.		X	
	Pg 18-19, Par 18-9.b.(10)	Moving of PLD pocket due to INS interference.		X	
	Pg 18-26, Par 18-9.e(Note)	Installation of SRU-16/P	X		
	Pg 18-26, Par 18-9.f(Note)	Installation of SDU-5/E strobe light pocket.	X		
	Pg 18-26, Par 18-9.j(Note)	Installation of back pad P/N 60D6033.		X	
	Pg 18-26, Par 18-9.k	Installation of backpad P/N 58D6354.		X	
	Pg 18-26, Par 18-9.k(1)	Installation of back pad P/N J117134-1		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 18-26, Par 18-9.1	Installation of lumbar pad MXU-22/P.		X	
	Pg 18-27, Par 18-9.n(Note)	Installation of AN-URT-33 series beacon.	X		
14P-9-11	None				
14P3-1-112	Pg 2-4A, Par 2-4 (Note 1)	Location of MC-1 or riser cutter knife on outer garment.	X		
	Pg 2-4A, Par 2-4 (Note 2)	Female bladder relief modification.		X	
	Pg 2-6A, Par 2-14.b	Rework hood for button or Velcro type attachment.		X	
	Pg 2-6A, Par 2-16	Combat edge rework of jackets.		X	
	Pg 2-6A, par 2-17	Combat edge rework of CWU-64/P coveralls.		X	
	Pg 4-1, Par 4-1(Note)	Launder/clean garments.	X		
	Pg 4-2, Par 4-6(Note 1)	Attachment of organizational insignias.		X	
	Pg 4-2, Par 4-6.e	Attach knife pocket.		X	
	Pg 4-2, Par 4-6.f	Fabricate pencil pocket flap.		X	
	Pg 4-2A, Par 4-6.g	Stitch down epaulets.		X	
	Pg 4-2A, Par 4-6.h	Shorten lower leg pocket.		X	
	Pg 4-2A, Par 4-6.k	Addition of elastic band.		X	
14P3-1-121	Pg 3-29, Tab 3-3	Seat crewmember in front of mirror.		X	
	Pg 3-33, Tab 3-3	Remove aircrew name from TPL.		X	
	Pg 3-33, Tab 3-3	Use of a piece of white fiberglass tape to mark TPL.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 4-3, Par 4-8.d(Note)	Helmet storage location/ Conditions for short term storage.		X	
14P3-1-161	None				
14P3-4-151	Pg 1-4, Par 1-2.7.1	Authorization of the high contrast visor.		X	
	Pg 1-8, Par 1-2.21	Authorization of Zeta liners.	X		
	Pg 3-38, Par 3-2.6.3.1	Installation of low battery pack on helmet.		X	
	Pg 3-40, Par 3-2.7(1)(b)	Safety tie cord plug to bracket.		X	
	Pg 3-41, Par 3-2.7(2)	Installation of leather covered lightweight tapered ear cup.		X	
	Pg 3-44, Par 3-2.10(2)	Pre-mounting receivers without the user available.	X		
14P3-4-151	Pg 3-49, Par 3-2.13.1	Place loop tape on the boom microphone.		X	
	Pg 3-53, Par 3-2.15(c)(2)	Using black stencil ink or gray lusterless spray enamel.		X	
	Pg 3-65, Tab 3-3, Step 14	A piece of white tape to annotate TPL information.		X	
	Pg 3-75, Par 3-4.2.3.a	Have user don absorbent cap during final helmet fit.		X	
	Pg 4-2, Par 4-1.3(f)	Tacking light visor straps in place.		X	
	Pg 5-4, Par 5-2.3(1)(f)	Tacking light visor straps in place.		X	
	Pg 5-5, Par 5-2.3(5)	Repair of rubber edge beading on lightweight visor.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 5-8, Par 5-4.2(d)	Use of MQ-1/MQ-1A, Scot, DMH-1 to preflight the helmet.	X		
	Pg 5-8, Par 5-4.3	Aircrew life support personnel will perform post flight inspections.	X		
	Pg 5-8, Par 5-4.3(e)	Use of MQ-1/MQ-1A, Scot, DMH-1 to post flight the helmet.	X		
	Pg 5-9, Par 5-4.4	Placement of inspection tape on the mask and or helmet.		X	
	Pg 5-9, Par 5-4.4	Inspection interval up to 90 days for infrequently used and carried on board the aircraft for emergency use.		X	
	Pg 5-17, Par 5-5.1(1)(a)(4)	Painting or refinishing bayonet receivers and communications bracket.		X	
14P3-5-61	None				
14P3-5-81	Pg 2-7, Par 2-9	In cold and extremely cold areas, where water temperature will be less than +50 degrees F, waffle weave drawers and undershirt or matching combination shall be worn under the CWU-22/P underclothing for thermal protection during pre-flighting and for water survival protection.		X	
14P3-5-81	Pg 5-4, Par 5-4.d(6)	Reinforced neck and wrist seal.		X	
	Pg 5-4, Par 5-4.d(7)	Rework of CWU-21A/P neck area.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 7-2A, Par 7-10.i	Repairing/patching of pin holes in rubber socks.		X	
14P3-5-91	Pg 1-2, Par 1-14	Essential clothing and equipment determination.	X		
	Pg 1-2, Par 1-16	Using the water test device.		X	
	Pg 3-8, Par 3-10A	Attach the knife pocket.		X	
14P3-6-121	Pg 2-1, Par 2-2.6	Installation of 5 inch hunting knife.		X	
	Pg 4-3, Par 4-3.2	Garment refit.	X		
	Pg 5-2A, Par 5-2.8	Wear of garment for 30 days prior to cutting lacing.		X	
	Pg 5-2A, Par 5-3.1	Folding of excess lacing cover.		X	
	Pg 5-2A, Par 5-3.2	Hand tacking of waist and thigh covers.		X	
	Pg 5-2A, par 5-3.3	Altering of lacing covers.		X	
	Pg 6-1, Par 6-1 (Note)	Laundering by life support.	X		
14P3-9-12	Pg 4-1, Par 4-4	Inspection cycles, prior to issue not to exceed 12 months.		X	
	Pg 5-2, Par 5-15	Attachment of snap fasteners to helmet.		X	
14P3-9-21	Pg 4-2, Par 4-4	Alternate quick check for aircraft PLTZ power system.		X	
	Pg 5-1, Par 5-2(Note 2)	Altering AFTO 334s.		X	
	Pg 5-1, Par 5-5-2.a(Note)	Waiver of preflight inspection if seal is intact.		X	
	Pg 5-3, Par 5-2.a(14)(Note)	Locally manufactured container.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 5-29, Par 5-9.c(6)	Use of black stencil ink or gray paint on top latch assembly and visor cable strip.		X	
	Pg 5-32, Par 5-9.e(11)	Top latch mounting and cable cover attachment using pressure sensitive tape.		X	
14P3-12-1	None				
14S-1-102	Pg 1-1, Par 1-1.a (Note 1)	Minor deviations to procedures.	X		
14S-1-102	Pg 1-3, Par 1-7.c(Note)	Additional information annotated on applicable AFTO forms.	X		
	Pg 4-22, Par 4-11.3(1)	Optional attachment of survival items to life preserver.		X	
	Pg 5-1, par 5-1(Note)	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.	X		
	Pg 5-1, Par 5-1.1(2)	MAJCOM procedures to ensure inspection of pre-positioned life preservers.	X		
	Pg 5-1, Par 5-1.1(3)(Note)	Performance of a functional test during initial installation inspection.	X		
	Pg 5-1, Par 5-1.1.2(Note)	Performance of a functional test during initial installation inspection.	X		
	Pg 5-1. Par 5-1.1.2 (Note)	Preflight inspection accomplishment.	X		
	Pg 5-13, Par 5-5.6	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 5-25, Par 5-8.5	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.		X	
	Pg 5-38, Par 5-11.5	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.		X	
	Pg 5-51, Par 5-14.6	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.		X	
	Pg 5-52, Par 5-16.1(Note)	Use of interlocking seal bags for items prone to spillage or melting.	X		
	Pg 5-56, Par 5-16.1.r.(4)	Wrapping of anti-seize tape around the battery to light connection.		X	
	Pg 5-57, Par 5-18.a(Note)	Preflight inspection of pre-positioned life preservers.		X	
	Pg 5-66, Par 5-19.3(f)(3)(Caution)	Marking of discharged bottles.	X		
14S-1-102	Pg 5-70.2, Par 5-19.5(note)	Sanitization of unit designator on AFTO/ DD Forms, life support/ survival equipment.		X	
	Pg 6-10.4, Par 6-6.6.3	Installation of webbing on F-2B and LRU-1/P container case protective flap.		X	
	Pg 7-1, Par 7-1.4	Selection of additional/ removal of items to complete the kit.		X	
	Pg 7-25, Tab 7-3	Installation of spare radio battery in LRU-1/ P life raft accessory kits.	X		
	Pg 7-25, Tab 7-3	Use of SDU-5/E strobe light.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 7-25, Tab 7-3	Use of desalter kits or canned water in lieu of distillation kits.	X		
	Pg 7-25, Tab 7-3	Use of aluminum blanket/meclizine hydrochloride.		X	
	Pg 7-31, Tab 7-4	Installation of spare radio battery in F2-B accessory kit.	X		
	Pg 7-31, Tab 7-4	Use of desalter kits or canned water in lieu of distillation kits.	X		
	Pg 7-31, Tab 7-4	Use of SDU-5/E strobe light.	X		
	Pg 7-31, Tab 7-4	Use of aluminum blanket/meclizine hydrochloride/light safety/cyalume/survival straw/purifier.		X	
	Pg 7-55, Tab 7-7	Installation of spare radio battery in 25-person accessory kit.		X	
	Pg 7-55, Tab 7-7	Use of desalter kits or canned water in lieu of distillation kits.	X		
	Pg 7-55, Tab 7-7	Use of aluminum blanket/meclizine hydrochloride/light safety/cyalume/survival straw/purifier.		X	
	Pg 7-67, Par 7-33.b	Use of fiberglass tape or equivalent for recording inspection dates.		X	
	Pg 7-78, Tab 7-11(Note 7)	Meclizine Hydrochloride.		X	
14S-1-102	Pg 7-78, Tab 7-11 (Note 1)	Aluminum blankets.		X	
	Pg 7-78, Tab 7-11 (Note 3)	Use of SDU-5/E strobe light.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 7-78, Tab 7-11 (Note 4)	Installation of spare radio battery in F2-B accessory kit.	X		
	Pg 7-78, Tab 7-11 (Note 5)	Placing radio in barrier paper.		X	
14S-1-131	Pg 1-2A, Par 1-4.2	Extension of periodic inspections.	X		
	Pg 1-2A, Par 1-6.1	Optional method of attaching snap hook.		X	
	Pg 2-1, Par 2-3	Recommended components of the vest.		X	
	Pg 2-1, Par 2-4.2	Extension of periodic inspections.	X		
	Pg 2-2, Par 2-5.2	Attachment of small snap-hook to secure radio.	X		
	Pg 2-2A, Par 2-8.9	Tacking of tracks through track holes with one turn doubled, Type IVB, ticket 8/4 waxed, tied with a surgeon knot and overhand locking knot.	X		
	Pg 3-1, Par 3-3	Installment of authorized survival components.		X	
	Pg 3-1, Par 3-4.2	Extension of periodic inspections.	X		
	Pg 3-2, Par 3-5.1	Attachment of small snap-hook to secure radio.	X		
	Pg 4-1, Par 4-3.2	Extension of periodic inspections.	X		
	Pg 4-2, Par 4-4.3	Attachment of small snap-hook to secure radio.	X		
14S1-3-51	Pg 2-1, Par 2-2.2(b)	Use of permanent ink type felt markers.	X		

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 2-1, Par 2-2.3(b)	Use of interlocking polyethylene bags.	X		
	Pg 2-1, Par 2-2.4	Taping opener to water cans.		X	
	Pg 2-1, Par 2-2.5	Application of decal to sleeping bag.	X		
	Pg 2-2, Par 2-2.6(b)	Installing match box with striking strip flint in interlocking plastic bag.		X	
	Pg 2-5, Par 2-4.3(a)	Option 1 for securing accessories to the inner container.		X	
14S1-3-51	Pg 2-6, Par 2-4.3(b)	Option 2 for securing accessories to the inner container.		X	
	Pg 2-6, Par 2-5.1	Securing survival kit components with a free retention nylon cord, Type 1A, NSN 4020-01-214-5128 or equivalent.	X		
	Pg 2-7, Par 2-5.5(a)	Attachment of sub-components to the end item using lanyard.	X		
	Pg 2-7, Par 2-6.1(b)	Placing survival pamphlet into interlocking seal plastic bag.	X		
	Pg 2-8.1, Par 2-6.14(a)	Use of LRU-21/P or 22/P life raft in the ML-4 survival kit.		X	
	Pg 2-9, Par 2-6.23(a)	Placing mirror in interlocking polyethylene bag.	X		
	Pg 2-9, Par 2-6.23(b)	Laminating the instructions on plastic signal mirrors.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 2-10, Par 2-6.25(b)	Placing ointment in interlocking plastic bag.	X		
	Pg 2-10, Par 2-6.28(d)	Placing clear tape over lot# and date of manufacture or writing it on with a permanent marker. (Water Flex-Pak)	X		
	Pg 2-11, Par 2-6.34	Placing survival kit items in interlocking plastic bags.		X	
	Pg 3-10, Par 3-2.3.(j)	Added safety tie added to the lower corner of leather lanyard housing.		X	
	Pg 3-13, Par 3-2.3(k)(Note)	Safety on pull tab to the seat pan with one turn of nylon thread.		X	
	Pg 3-13, Par 3-2.3(o)	Fabricate small pocket to be attached to container.		X	
	Pg 3-19, Par 3-3.2(f)(Note)	Use of Ensolite for cushioning or to fill void in survival kit.		X	
	Pg 3-23, Par 3-3.2(n)	Modification for use with Para rescue/Special Tactics Squadron teams.		X	
	Pg 3-23, Par 3-3.2(o)	Installation of a small pocket to prevent the loss of DD Form 1574.		X	
	Pg 3-33, Par 3-9	Application of Scotch guard to ML-4 Survival Kits.		X	
14S1-3-51	Pg 3-33, Par 3-10.4	Optional methods of installing SRU-16/P survival kit.		X	
	Pg 4-3, Par 4-3.16	Installing locally manufactured comfort pads to the kit attachment straps.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 6-1, Par 6-2(Note)	Installing food packets in interlocking seal bags.	X		
	Pg 6-1, Par 6-3	Returning of food packets to the commissary.		X	
	Pg 7-1, Par 7-1.3(Note)	Placing any item prone to spillage/melting in interlocking seal bags.	X		
	Pg 7-1, Par 7-3	Exclusion of mandatory items.	X		
14S1-9-1	Par 3-2.5	Procedure for inner container tie-downs.	X		
14S1-11-3	Pg 3-9, Par 3-2.10	Removal and replacement of ACES II manual release assembly.		X	
	Pg 8-2, Par 8-20.6(Note)a	Use of actuator plug and actuator lanyard.		X	
14S3-1-3	Pg 2, Par 1-4(Note)	Use of one-man life rafts.	X		
	Pg 2, Par 2-2.a	Use of survival kit containers.	X		
	Pg 3, Table 3-1(Note 3)	Use of LRU-4/P life rafts on T-33, T/A-37A/B and B-57 aircraft.		X	
	Pg 3, Table 3-1(Note 7)	20 man life raft configuration for C/VC-140B aircraft.		X	
	Pg 3, Table 3-1(Note 8)	Placement of CNU-149/P survival kit.		X	
	Pg 3, Table 3-1(Note 9)	Use of LRU-3/P life rafts in ACES II survival kit.		X	
	Pg 3, Table 3-1 (Note 11)	Use of LRU-21/P and LRU-22/P in ACES II survival kit.		X	
14S1-3-81	None				

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
14S6-3-1	None				
14S10-2-2	None				
15X-1-1	Pg 2-3, Par 2.1.3.1	Minimum shop requirements.	X		
15X-1-3	None				
15X1-4-2-4	None				
15X1-4-2-12	Pg 1-1, Par 1-1	Life support is responsible for inspecting, refilling, repairing, and overhauling emergency bailout cylinders.		X	
	Pg 4-11, Par 4-29.o	Alternate method of installing connector.		X	
	Pg 4-10, Par 4-29.p	Alternate method of installing connector.		X	
	Pg 4-14, Par 4-32.b(4)(Note)	Waiver of time limit on leak checks during aircraft preflights.		X	
15X5-2-4-1	Pg 4-7, Par 4-8	Use of mask on C-9A aircraft.		X	
	Pg 4-8, Par 4-9	Use of mask on T-43 aircraft.		X	
	Pg 5-3, Par 5-9A	Repair of oxygen mask containers with broken or worn hinges.	X		
	Pg 5-3, Par 5-9B	Replacement of worn hook fastener tape.	X		
	Pg 5-3, Par 5-9C	Alternate repair procedures.	X		
	Pg 5-3, Par 5-9D	Replacement of oxygen mask container lid assembly.	X		
	Pg 8-2, Par 8-4.1f(3)(Note)	Use of DD Form 1574 to annotate 180 day inspection.	X		

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 8-3, Par 8-7.c (Option 1)	Installation of carrying straps on EPOS containers.		X	
	Pg 8-3, Par 8-7.d (Option 2)	Installation of carrying straps on EPOS containers.		X	
15X5-3-6-1	Pg 2-5, Par 2-4A.2(d)(Note)	Use 1-inch wide double faced tape on custom nose pad.		X	
	Pg 3-1, Par 3-3.7	Use of dust cover.		X	
	Pg 4-4, Par 4-7.1(Note)	Alternate method of securing mask straps.		X	
	Pg 4-6A, Par 4-10(Caution)	Use of dust cover.		X	
	Pg 4-6A, Par 4-13	Post-Flight inspection accomplishment.	X		
	Pg 4-7, Par 4-15	Use of dust cover.		X	
	Pg 5-1, Par 5-6	Frequency of 12/P mask disassembly every 30 days.		X	
	Pg 5-5, Par 5-13.1	Use of dust cover.		X	
	Pg 5-5, Par 5-13.1(Note)	Removal of microphone bracket.		X	
	Pg 5-9, Par 5-19.5(a)	Use of strap fasteners or equivalent may be used in place of hose clamp.	X		
	Pg 5-9, Par 5-19.5(b)	Use of installation tool.	X		
	Pg 5-10, Par 5-19.9(a)	Valve nut torque.	X		
	Pg 5-10A, Par 5-19.10(b)	Removal of microphone bracket.		X	
	Pg 5-11, Par 5-19.12	Use of dust cover.		X	
15X5-4-1-101	Pg 3, Par 3(Note)	Form to annotate inspection.	X		
	Pg 4B, Par 3.a(18)(c)	Attachment of communications cord to CRU-60/P.		X	

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
	Pg 4C, Par 3.b(Note)	Authorized tester for connectors.	X		
	Pg 7, Par 4.a.(2)	Use of lubricant on o-ring.	X		
	Pg 8, Par 4.e	Use of connector part number 232-94A		X	
15X5-4-4-12	Pg 4-1, Par 4-4.d(5), Note 3	Alternate method for securing 5/P mask straps.		X	
	Pg 5-1, Par 5-2	Frequency of 5/P mask disassembly every 30 days.		X	
	Pg 5-2, Par 5-5(e)	Use of strap fasteners or equivalent may be used in place of hose clamp.	X		
	Pg 5-4, Pg Par 5-11.a(Note)	Post-Flight inspection accomplishment.	X		
15X5-4-10-1	Pg 1-3, Par 1-3.3.a	Option equipment-(Holder Assembly)		X	
	Pg 1-3, Par 1-3.3.b	Optional equipment-(Dust Covers)		X	
	Pg 4-2, Par 4-2.8	Vent valve closed when stored.	X		
	Pg 5-3, Par 5-2.4(Note)	Use of static cling vinyl to protect goggle lenses.		X	
	Pg 5-3, Par 5-2.8(d)	Frequency of disassembly will not exceed 120 days.	X		
	Pg 5-5, Par 5-5.3.3	Use of strap fasteners or equivalent may be used in place of hose clamp.	X		
	Pg 5-9, Par 5-8.2.6	Tacking the top strap assembly.	X		
	Pg 5-10A, Par 5-8.5.2.(a)	Use of strap fasteners or equivalent may be used in place of hose clamp.	X		
	Pg 5-10A, Par 5-8.5.2(b)	Use of installation tool.	X		

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
15X5-5-3-1	Pg 5-1, Par 5-3.B	Installation of Velcro in place of the existing stitching on the sides of the storage containers.		X	
	Pg 5-2, Par 5-5.B(6)	Method of recording inspections will be in ALSMS, and pressure sensitive tape.	X		
	Pg 5-5, Par 5-8.O	Use of strap fasteners or equivalent may be used in place of hose clamp.	X		
	Pg 5-9, Par 5-15	Rework of emergency smoke mask bag.		X	
31R2-2PR-101	None				
31R2-2PR-104	None				
31R2-2PRC 90-1	None				
31R2-2PRC 90-2	Pg 5-19, Par 5-25	Water immersion test.		X	
31R2-2PRC 90-4	None				
31R2-PRC 112-1	None				
31R4-2URT3 3-11	Pg 5-10.2, Par 5.10.1(Note)	Testing the AN/ URT-33C/M and D beacons in the timed mode.		X	
32-1-101	None				
33A1-12-1109-1	None				
33B4-10-3-11	None				
33D2-10-10-31	None				
33D2-10-10-51	None				

Technical Order	Page/Paragraph	Option	MAJCOM	UNIT	Not Authorized
33D2-10-68-1	None				
33D7-71-42-1	Pg 5-13, Par 5-.d(7)	Removal of acoustic coupler and storing separate from cradle assemblies.			X
33K6-4-2193-1	None				
40W4-15-1	None				
40W4-16-1C	None				
42B-1-22	None				
42B5-1-2	None				
42B6-1-1	None				
42C-1-12	None				